

MOHAMMED MACHROUH

3rd Year Artificial Intelligence Student @ UEMF

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EDUCATION

Engineering Cycle

Euromed University of Fez

2021-24

Fez, Morocco

Preparatory Cycle

Euromed University of Fez

2019-2021

Fez, Morocco

Baccalaureat Maths Speciality - French

IBN MANDOUR High School

2019

Casablanca, Morocco

- Grade : Very Good

PROJECTS

ChatBot about Moroccan History by finetuning falcon-7b Large Language Model

- Falcon-7b, QLORA, Flask, Pinecone, LangChain

Moroccan Interior Design using Stable Diffusion & ControlNet

- DreamBooth, Stable Diffusion, ControlNet

OCR Arabic words using a Long-Short Term Memory and CNN models

- CNN, Bi-LSTM, OpenCV, WordBeamSearch

Cardiovascular Diseases detection from ECGs using 1D & 2D CNNs

- CNNs, Transfer Learning, Grad-Cam Attention

Facial Recognition of Football players using Convolutional Neural Networks

- Haar Cascading, CNN, Transfer Learning

Movies Recommendation Systems

- Collaborative filtering, Neural networks, KNN

Pneumonia detection from X-Rays using Convolutional Neural Networks

- CNN 2D, Flask, MongoDB

EXPERIENCE

Computer Vision Developer Intern

Technocolabs Software

July 2023 – Sep 2023

Data Scientist Intern

The Spark Foundation

June 2022 – Aug 2022

CERTIFICATIONS



Introduction to Machine Learning in Production

DeepLearning.AI



Deep Learning Specialisation

DeepLearning.AI



Intermediate Machine Learning

Kaggle



HCIA Artificial Intelligence

HUAWEI ICT



Computer Vision

Kaggle

VOLUNTEERING

Mentor Feb-2023

TeensinAI

Community Manager 2022-23

DIGICLUB

Graphic Designer 2021-23

TEDxUEMF

Vice President 2021-22

DIGICLUB

SKILLS

Flask/Django

MPI/OpenMP/Slurm

Tensorflow/Keras/scikit-learn/OpenCV/Huggingface

C/C++/Python/R

Git/Github

LANGUAGES

English

French

Arabic

Spanish